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502,313

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COMPLETE SPECIFICATION

Improvements in Electrically Propelled Road Vehicles

We, BLEICHERT TRANSPORTANLAGEN G.m.b.H., a German Company, of 15 Bleichertrasse, Leipzig, Germany, do hereby declare the nature of this invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

The invention relates to electrically propelled road vehicles having independently suspended and separately driven wheels, each carried by a pivoted arm formed by the casing of the motor and transmission gear driving the wheel, with a spring interposed between the pivoted arm and the frame. According to our invention the arm is pivotally suspended from a transverse member projecting laterally from a longitudinal frame member, with the motor shaft and transmission gear below the level of the wheel axle, and with the spring interposed between the arm and the chassis frame.

An example is shown in the accompanying drawings, in which

Fig. 1 is a side elevation, and

Fig. 2 a plan view of the rear part of the car.

The electro-motor *a* is suspended at *b* from a transverse member *c* of the frame. Its casing has a rearward extension *d* in

which is mounted a worm shaft *e* engaging a worm wheel *f* keyed to the wheel axle *g*. A helical spring *i*, which supports a transverse member *k* of the frame, rests on a flange *h* of the extension *d*. 35

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:— 40

An electrically propelled road vehicle having independently suspended and separately driven wheels each carried by a pivoted arm formed by the casing of the motor and transmission gear driving the wheel, the arm being pivotally suspended from a transverse member projecting laterally from a longitudinal frame member, with a spring interposed between the arm and the chassis frame and with the motor shaft and transmission gear below the level of the wheel axle. 45 50

Dated this 21st day of June, 1938.

For the Applicants,
HERBERT HADDAN & CO.,
Chartered Patent Agents,
31 and 32, Bedford Street, Strand,
London, W.C.2.

Fig.1.

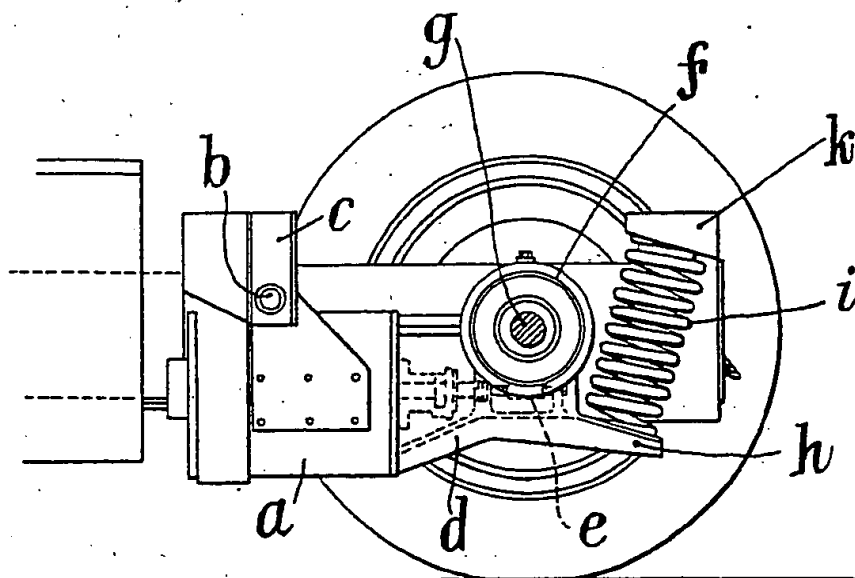
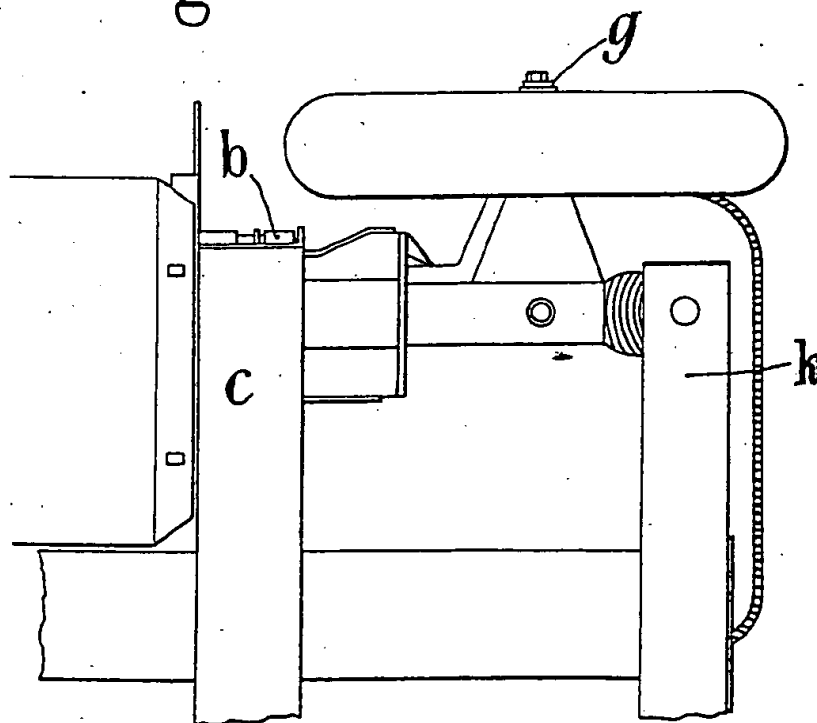


Fig.2.



[This Drawing is a reproduction of the Original on a reduced scale.]